

SURFACE PULSE SYSTEM FOR INJECTION WELLS

ABSTRACT

The present invention relates to petroleum recovery operations, and more particularly, to the use of pulse technology to enhance the effectiveness of waterflooding operations. The systems of the present invention generally comprise an injection means for continually injecting a fluid into the subterranean formation, and a pressure pulsing means for periodically applying a pressure pulse having a given amplitude and frequency to the fluid while the fluid is being injected into the subterranean formation.